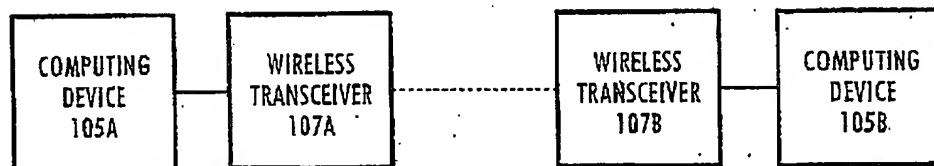


TITLE: FREQUENCY OFFSET DIFFERENTIAL PULSE POSITION MODULATION  
INVENTOR(S): John B. Langley  
ATTORNEY DOCKET NO.: 012.P6002

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**FIG. 1**

TITLE: FREQUENCY OFFSET DIFFERENTIAL PULSE POSITION MODULATION  
INVENTOR(S): John B. Langley  
ATTORNEY DOCKET NO.: 012.P6002

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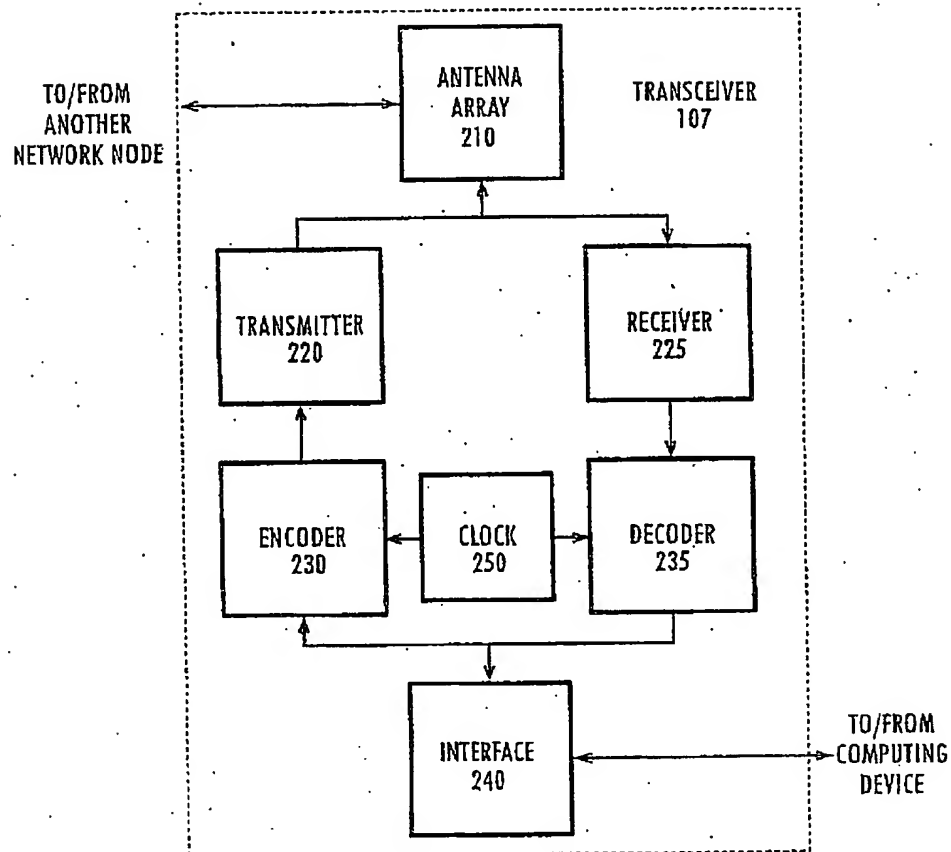


FIG. 2

TITLE: FREQUENCY OFFSET DIFFERENTIAL PULSE POSITION MODULATION  
 INVENTOR(S): John B. Langley  
 ATTORNEY DOCKET NO.: 012.P6002

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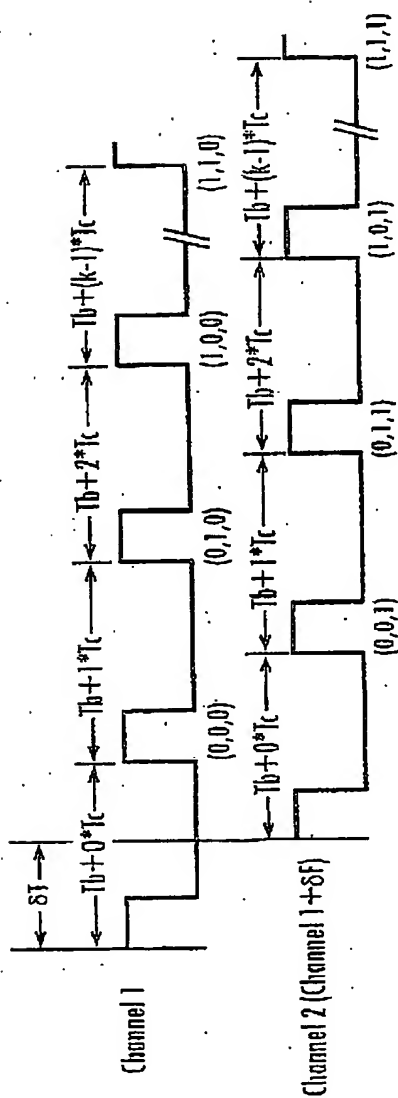


FIG. 3

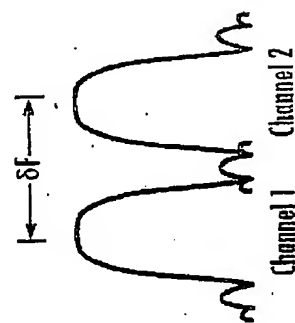


FIG. 4

TITLE: FREQUENCY OFFSET DIFFERENTIAL PULSE POSITION MODULATION  
INVENTOR(S): John B. Langley  
ATTORNEY DOCKET NO.: 012.P6002

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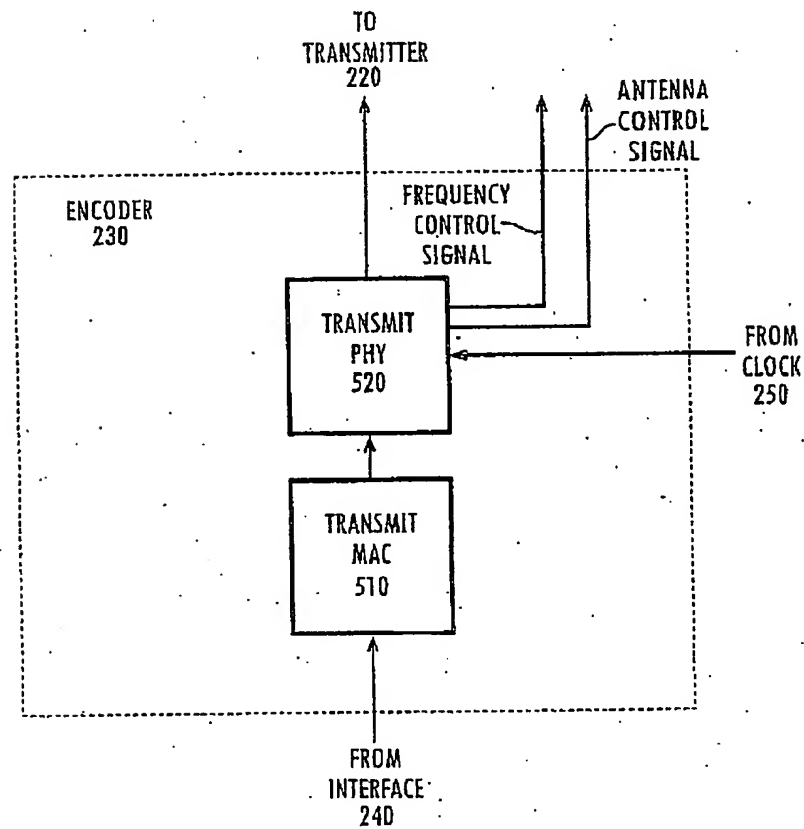


FIG. 5A

TITLE: FREQUENCY OFFSET DIFFERENTIAL PULSE POSITION MODULATION

INVENTOR(S): John B. Langley

ATTORNEY DOCKET NO.: 012.P6002

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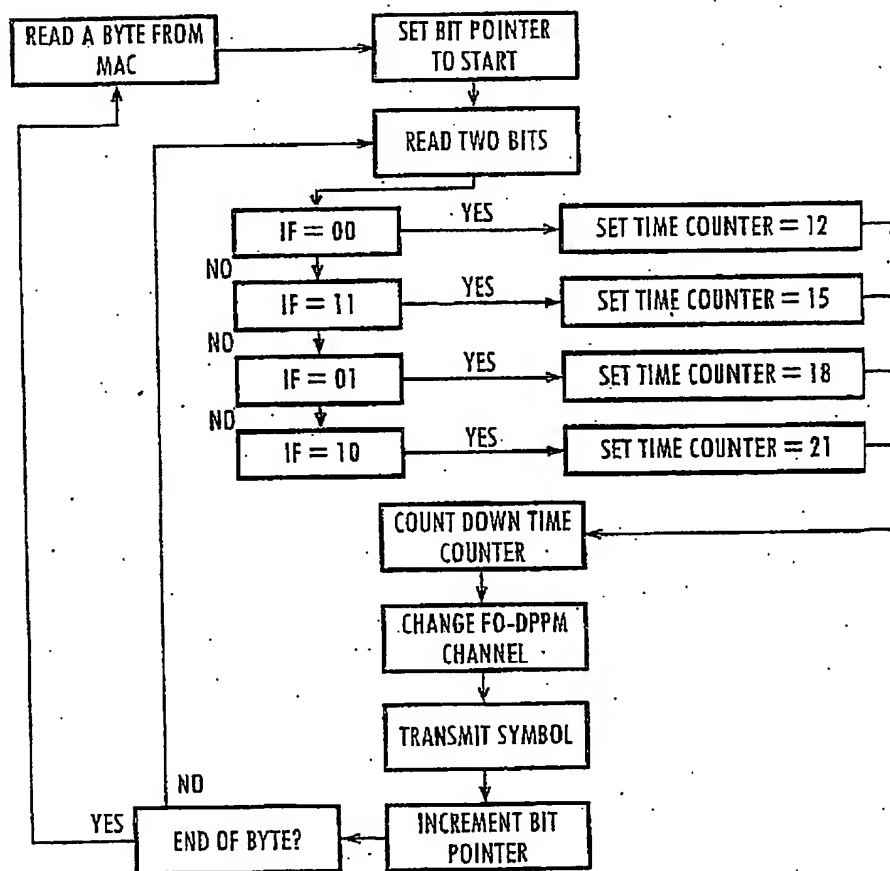


FIG. 5B

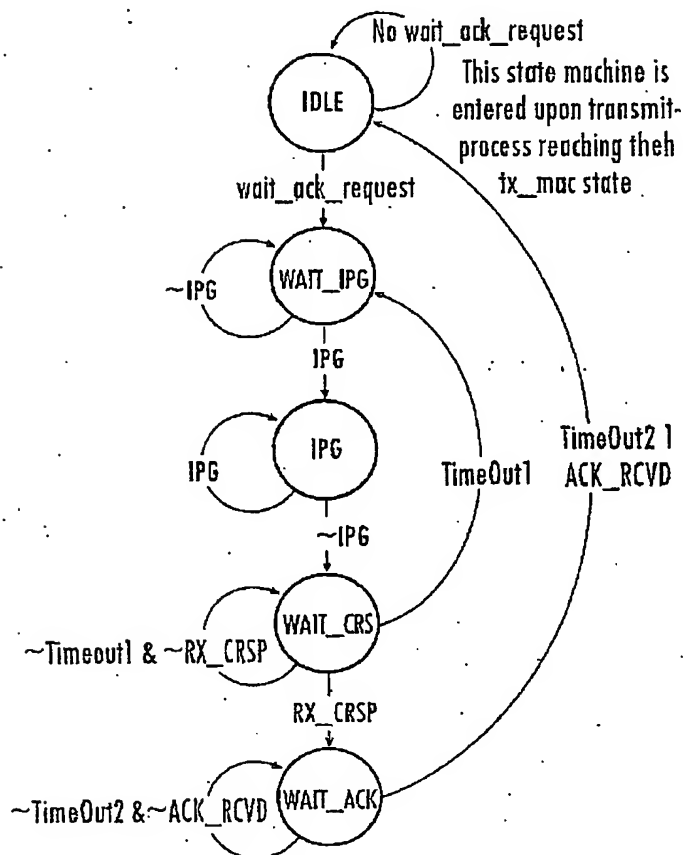


## TITLE: FREQUENCY OFFSET DIFFERENTIAL PULSE POSITION MODULATION

INVENTOR(S): John B. Langley  
ATTORNEY DOCKET NO.: 012.P6002

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Timeout1, Programmable parameter ACK\_WAIT\_SIZE:

6, 12, 18, 24, 36, 48, 72, 90 US

Timeout2, fixed size: 37.125 us which is the maximum length of an  
acknowledge packet (24 preamble + sfd + 20 byte ack\_packet)

FIG. 5D

TITLE: FREQUENCY OFFSET DIFFERENTIAL PULSE POSITION MODULATION  
INVENTOR(S): John B. Langley  
ATTORNEY DOCKET NO.: 012.P6002

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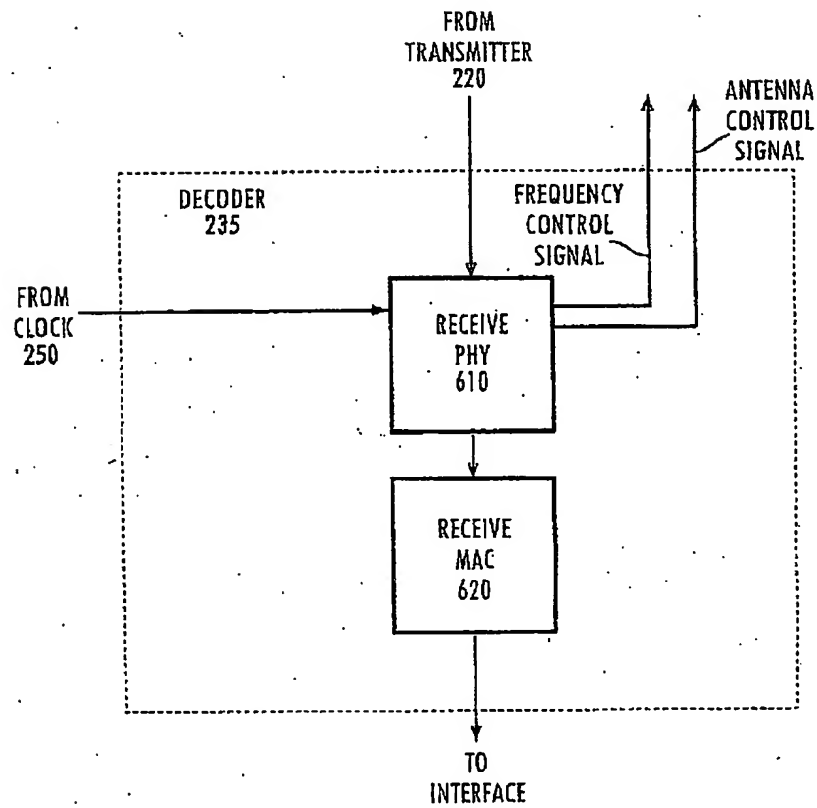


FIG. 6A



## TITLE: FREQUENCY OFFSET DIFFERENTIAL PULSE POSITION MODULATION

INVENTOR(S): John B. Langley  
ATTORNEY DOCKET NO.: 012.P6002

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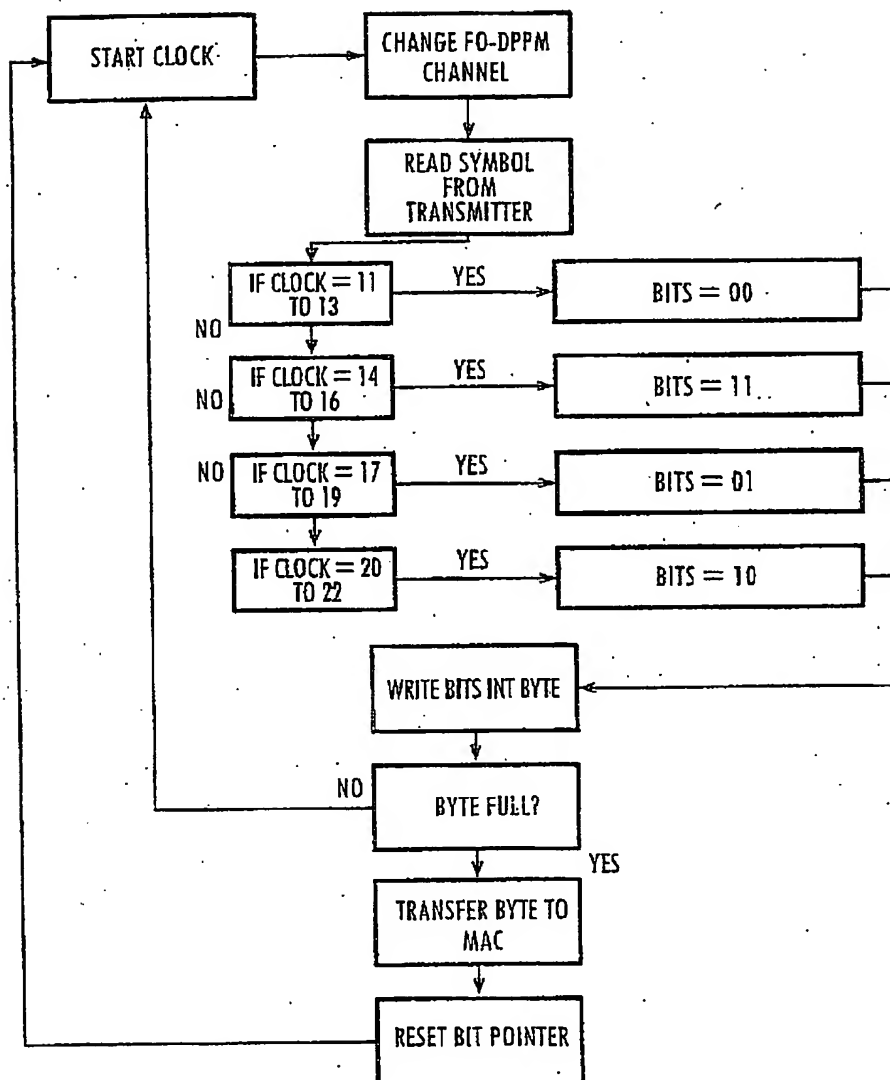


FIG. 6B

TITLE: FREQUENCY OFFSET DIFFERENTIAL PULSE POSITION MODULATION  
INVENTOR(S): John B. Langley  
ATTORNEY DOCKET NO.: 012.P6002

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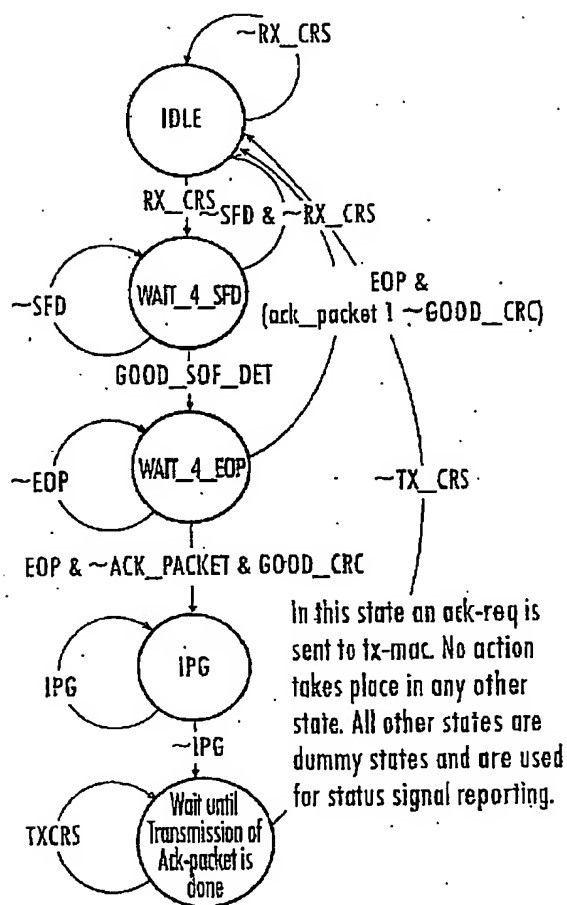


FIG. 6C

TITLE: FREQUENCY OFFSET DIFFERENTIAL PULSE POSITION MODULATION  
INVENTOR(S): John B. Langley  
ATTORNEY DOCKET NO.: 012.P6002

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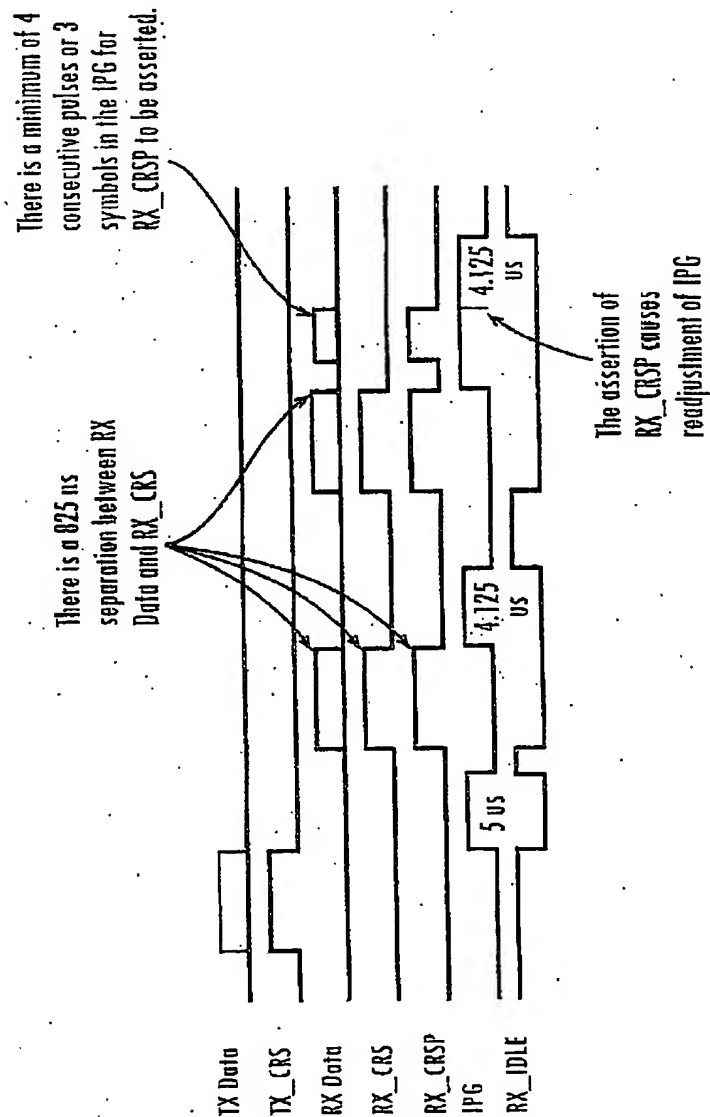


FIG. 6D

TITLE: FREQUENCY OFFSET DIFFERENTIAL PULSE POSITION MODULATION  
INVENTOR(S): John B. Langley  
ATTORNEY DOCKET NO.: 012.P6002

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For preamble the following sequence is received: 00, 11, 01, 10 and the state machine tries to lock on this sequence.  
For SFD the sequence is 00, 00, 01, 11

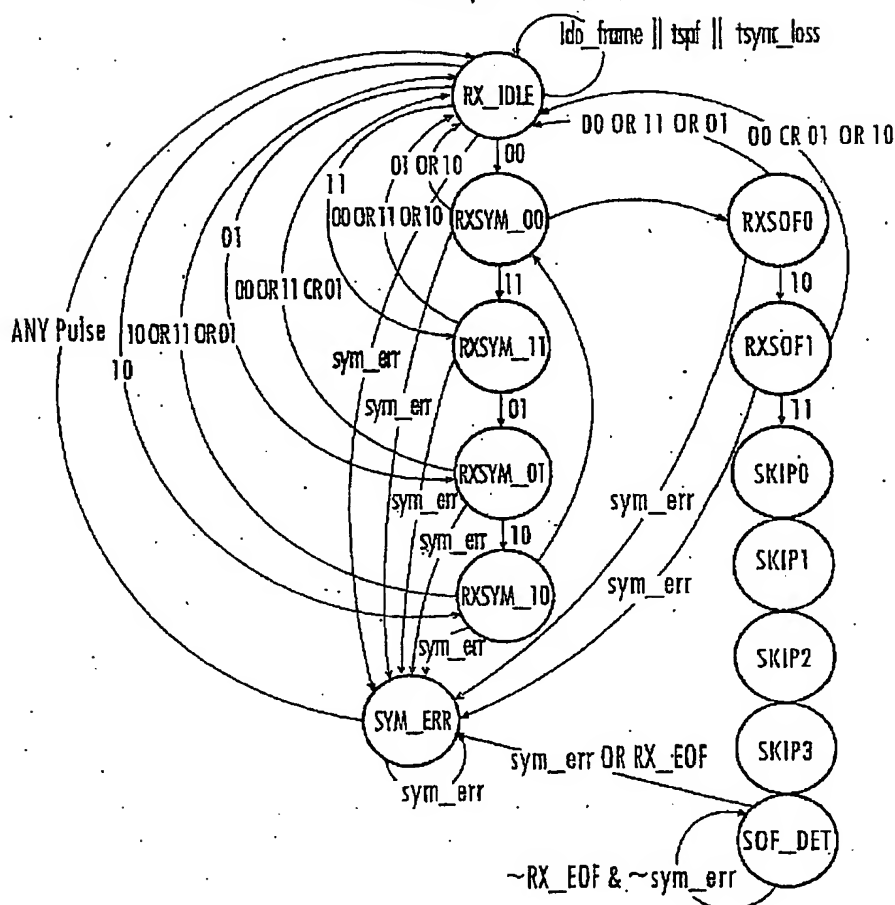


FIG. 6E